

NOTES:

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.

- FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.
- FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.

PRESTRESSED CONCRETE DECK PANELS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES."

NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.

- FOR SUBMITTAL OF WORKING DRAWINGS. SEE SPECIAL PROVISIONS.
- FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
- FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

- FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
- ALL FALSEWORK AND FORMS FOR THE CAST-IN-PLACE DECK SLAB CONTINUOUS UNIT SHALL REMAIN IN PLACE UNTIL THE ENTIRE UNIT IS CAST AND CURED.
- FOR CONSTRUCTION, MAINTENANCE AND REMOVABLE OF TEMPORARY ACCESS STATION 147+95.00 -L-, SEE PROJECT SPECIAL PROVISIONS.
- FOR PLACING LOAD ON STRUCTURE MEMBERS, SEE PROJECT SPECIAL PROVISIONS.
- FOR STEEL REINFORCED ELASTOMERIC BEARINGS, SEE PROJECT SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL —————																				
	CONSTRUCTION, MAINTENANCE & REMOVAL OF TEMPORARY ACCESS @ STA.147+95.00-L-	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	45′′ CON(PRESTRESSED CRETE GIRDERS	PP GAL STE	14 X 0.50 VANIZED EL PILES	PP GAI STE	16 X 0.50 LVANIZED EEL PILES	STEEL PILE POINTS	PIPE PILE PLATES	PILE REDRIVES	CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0'') THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS
	LUMP SUM	EACH	SQ.FT.	SQ.FT.	CU. YDS.	LUMP SUM	LBS.	NO.	LIN.FT.	NO.	LIN.FT.	NO.	LIN.FT.	NO.	NO.		LIN.FT.	TONS	SQ. YDS.	LUMP SUM
SUPERSTRUCTURE	LUMP SUM		6531	7245		LUMP SUM		8	629								316.7			LUMP SUM
END BENT 1					31.6		5549			6	120				6	3		149	165	
BENT 1					18.2		4103					5	200	5		3				
END BENT 2					31.6		5549			6	120				6	3		177	196	
TOTAL	LUMP SUM	2	6531	7245	81.4	LUMP SUM	15201	8	629	12	240	5	200	5	12	9	316.7	326	361	LUMP SUM



PROJECT NO. R-2514B ONSLOW ___ COUNTY STATION: 147+95.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

GENERAL DRAWING BRIDGE OVER HIGGINS BRANCH ON PROPOSED US 17 BYPASS BETWEEN SR 1331 AND SR 1116 (RIGHT LANE)

			SHEET NO.					
The LOUIS BERGER GROUP, Inc.	NO.	BY:	DATE:	NO.	BY:	DATE:	S3-3	
1001 Wade Avenue, Suite 400 Raleigh, NC 27605-3322	1			3			TOTAL SHEETS	
NC COA No. F-0840	2			43			34	

J. MYA _ DATE : <u>11/13</u> DRAWN BY : ___ _ DATE : __05/14 R. DECOLA DESIGN ENGINEER OF RECORD : R. DECOLA DATE : 10/14